Top Cross-Cutting and Additional Needs

- #1 – Create sensors that apply to cable and substation diagnosis
- #2 – Develop methods that translate massive data to instructions
- #3 – Evaluate material science support for all aspects of GridWorks
- #4 – Plan GridWorks demonstration to repair storm damage
- #5 – Explore new technology for solid state switches
- #6 – Evaluate latency issues in collecting data from long lines

Top Cross-Cutting and Additional Needs

- #7 – Build devices with physical and cyber security incorporated
- #8 – Coordinate software and communications interoperability
- #9 – Design the architecture for a new grid with available equipment
- #10 – Design security sensors that apply throughout system
- #11 – Model and measure the cost of not changing the system